

Series 450

Aqueous pigment preparations

The inks of Series 450 are highly concentrated and are characterized by a low inherent odor. These are pure water-based inks, free of any alcohol admixtures.

Harmonization with most binders is given. Nevertheless, our experts recommend preparing a trial mixture, printing it, and testing its compatibility, printability, and adhesion.

The particular components of Series 450 are sensitive to frost. Therefore, the storage temperature should not fall below 10 °C.

Practical tests in advance and under specific conditions are essential to meet the unique demands and durability requirements.

Application: For coloring anionic coatings and blends.

Specifications

Thinner	Tap water with a pH of 8,5
Addition ratio	As needed
Retarder	A retarder is not recommended for this application.
Addition ratio	–
Verschnitt	Not recommended for this application
Auxiliaries	Defoamer: Series 970-63899 (add max. 1 %) pH Alkali additive: Series 970-63499 (see separate data sheet)
Druckverfahren	Not suitable for pure printing
Mesh	-
Composition	Pigment, water, aqueous binders, maximum 5 %
Solid state	110 °C, 24 h, 45 +/- 3 %
PH-Value	Colors: 8,5 +/- 0,5 Black: 8,5 +/- 0,5
Further processing	-
Available quantities	5 kg, 10 kg, 25 kg
Shelf life	12 months
Others	-

Important information: Our technical advice whether spoken, written, or through test trials corresponds to our current knowledge to inform about our products and their use. This is not meant as an assurance for certain properties of the products nor their suitability for each application. You are, therefore, obliged to conduct your own tests with our supplied products to confirm their suitability for the desired process or purpose. The selection and testing of the ink for specific applications is exclusively your responsibility. Should, however, any liability claims arise, such claims shall be limited to the value of the goods delivered by us and utilized by you with respect to any and all damages not caused intentionally or by gross negligence (T31 / V2 / 07/2023).